

**Declaration      Power of Attorney**  
**United States Patent Application**

UNITED STATES (Form BDWY-1)  
Patents and Design Patents  
Sole & Joint Inventors  
Convention & Non-convention  
PCT & Non-PCT  
This form cannot be amended, altered  
or changed after it is signed.  
(For use only for inventors who  
understand the English language.)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ENHANCEMENT OF THE EFFICACY OF DRUGS BY DEUTERATION

\_\_\_\_\_, the specification of which

(check one) ☒ is attached hereto.

☐ was filed as U.S. Application No. \_\_\_\_\_ on \_\_\_\_\_ and (if applicable) was amended on \_\_\_\_\_.

☐ was filed as PCT International Application No. \_\_\_\_\_ on \_\_\_\_\_ and (if applicable) was amended under PCT Article 19 on \_\_\_\_\_.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign and PCT application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America listed in this Declaration. I have also identified below any foreign application for patent or inventor's certificate or PCT international application having a filing date before that of the application(s) on which priority is claimed:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)

I hereby claim the benefit under Title 35, United States Code, §120 or §365(c) of any United States application and PCT international application designating the United States of America listed in this Declaration and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Application No.	Filing Date	Status (patented/pending/abandoned?)

I hereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Joseph A. DeGrandi (17446), Robert G. Weilacher (20531), Richard G. Young (20628), Michael A. Makuch (32263), Dennis C. Rodgers (32936), G. Byron Stover (34737), Thomas L. Evans (35805) and Maurice U. Cahn (30454).

Send all correspondence to Beveridge, DeGrandi, Weilacher & Young, Suite 800, 1850 M Street, N.W., Washington, D.C. 20036. Facsimiles may be sent to (202) 659-1462. Direct all telephone calls to (202) 659-2811.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Robert R. FOSTER  
Residence (city, state, country): Edmonton, Alberta T6J 1X9 Canada  
Post office address: 4211 120th Street, Edmonton, Alberta T6J 1X9 Canada

Citizenship: Canadian

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

x Additional inventors and/or prior applications are listed in attached Supplemental Sheet(s).

BDWY 995

# Supplemental Sheet to U.S. Declaration and Power of Attorney

(BDWY-1 supp.)

## Additional Inventor(s):

I hereby declare that all statements made in the attached Declaration and Power of Attorney of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: Richard LEWANCZUK  
Residence (city, state, country): Edmonton, Alberta T6C 0X7 Canada  
Post office address: 9136 81st Avenue, Edmonton, Alberta T6C 0X7 Canada

Citizenship: Canadian

Signature: R. Lewanczuk Date: Dec 13/96

Full name of inventor: Gilles CAILLE  
Residence (city, state, country): Outremont, Quebec H2M 2S5 Canada  
Post office address: 3 Avenue Querbes, Outremont, Quebec H2M 2S5 Canada

Citizenship: Canadian

Signature: G. Caille Date: Dec 9, 96

Full name of inventor:  
Residence (city, state, country):  
Post office address:

Citizenship:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name of inventor:  
Residence (city, state, country):  
Post office address:

Citizenship:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Additional Foreign/PCT Applications:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)

## Additional U.S. Applications:

U.S. Application No.	Filing Date	Status (patented/pending/abandoned?)

## Additional Provisional U.S. Applications:

U.S. Provisional Application No.	Filing Date

Declaration and Power of Attorney  
United States Patent Application

UNITED STATES (Form BDWT-1)  
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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled DEUTERATED COMPOUNDS, PREPARATIONS AND PROCESS OF MAKING, THERAPEUTIC METHODS, AND METHOD OF DETECTING WHETHER A COMPOUND IS IDENTICAL AND/OR BIOEQUIVALENT TO A KNOWN COMPOUND.

(check one) ☐ is attached hereto.

☒ was filed as U.S. Application No. 08/752,992 on October 4, 1996 and (if applicable)

was amended on April 17, 1998

☐ was filed as PCT International Application No. \_\_\_\_\_ on \_\_\_\_\_ and (if applicable) was amended under PCT Article 19 on \_\_\_\_\_.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)

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U.S. Application No.	Filing Date	Status (patented/pending/abandoned?)
08/410,530	3/27/95	Abandoned
08/217,897	3/25/94	Abandoned

I hereby claim priority benefits under Title 35 United States Code §119(e) of any U.S. provisional application(s) listed below:

U.S. Provisional Application No.	Filing Date

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Joseph A. DeGrandi (17446), Robert G. Weilacher (20531), Richard G. Young (20628), Michael A. Makuch (32263), Dennis C. Rodgers (32936), Thomas L. Evans (35805), Frank C. Cimino, Jr. (39945), Carolyn Favorito (39183), George A. Metzenthin (P41995), and Steven W. Collier (P42429)

Send all correspondence to Beveridge, DeGrandi, Weilacher & Young, L.L.P., Suite 300, 1850 M Street, N.W., Washington, D.C. 20036. Facsimiles may be sent to (202) 659-1462. Direct all telephone calls to (202) 659-2811.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Robert T. FOSTER

Citizenship: CANADA

Residence (city, state, country): Edmonton, Alberta T6J 1X9 CANADA

Post office address: 4211 120th Street, Edmonton, Alberta T6J 1X9 CANADA

Signature: \_\_\_\_\_ Date: July 30, 1998

Full name of second joint inventor, if any: Richard LEWANCZUK

Citizenship: CANADA

Residence (city, state, country): Edmonton, Alberta T6C 0X7 CANADA

Post office address: 9136 81st Avenue, Edmonton, Alberta T6C 0X7 CANADA

Signature: \_\_\_\_\_ Date: July 30, 1998

☒ Additional inventors and/or prior applications are listed in attached Supplemental Sheet(s). BDWT 995

# Supplemental Sheet to U.S. Declaration and Power of Attorney

Additional Inventor(s):

(BDWY-1 supp.)

Full name of third joint inventor, if any: Gilles CAILLE

Residence (city, state, country): ~~Outremont, Quebec H2M 2S5 CANADA~~ 305 PETITE CORNICHE

Citizenship: CANADA

Post office address: ~~8 Avenue Quebec, Outremont, Quebec H2M 2S5 CANADA~~ STE ADELE PQ J0R 1L0

Signature: 

Date: August 10

Full name of fourth joint inventor, if any:

Citizenship:

Residence (city, state, country):

Post office address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Full name of fifth joint inventor, if any:

Citizenship:

Residence (city, state, country):

Post office address:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Additional Foreign/PCT Applications:

Foreign/PCT Application No.	Country	Filing Date	Priority Claimed? (yes/no)

## Additional U.S. Applications:

U.S. Application No.	Filing Date	Status (parented/pending/abandoned?)

## Additional Provisional U.S. Applications:

U.S. Provisional Application No.	Filing Date